



Section C

Advanced Reactors Transition

PROJECT MANAGERS

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INTRODUCTION

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, Work Breakdown Structure (WBS) 3.1.3, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities.

NOTE: Unless otherwise noted, all information contained herein is as of the end of January 2002.

NOTABLE ACCOMPLISHMENTS

309 Facility Deactivation — Options regarding the dome coating report continue to be evaluated. It is recommended that at a minimum the coating and underlying steel dome should be periodically examined to monitor potential deterioration. The PRTR exhaust stack fans have been permanently shut down. A letter has been issued to RL for them to forward to WDOH to document the stack shutdown.

NE Legacies Deactivation — Good progress continued on dismantling the 337B building sodium system. The sodium piping from the Composite Reactor Components Test Activity (CRCTA) to the Sodium Storage Tank in 3718M, including valves, flow meters and pumps has been taken down. An estimate was made of the residual sodium in CRCTA vessel using information from the videotape of the inspection. The amount of sodium in the bottom of the vessel is estimated at less than 60 gallons or 450 pounds. This is a significant decrease from the previous estimates. The two four-inch sodium lines to the Na Storage Tank were cut and caps with valves were installed. The one-inch tubing and valve to the dip tube (installed for the sodium drain) were removed and a clean valve was installed. This completed the isolation of the Sodium Storage Tank in 3718M. Work continues on accelerating removal and shipment of the cold trap. The Hazard Baseline Documentation and Auditable Safety Analysis for the 337B building and the 3718-M building, HNF-3676, annual review was also completed.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

No breakthroughs or opportunities for improvement are identified at this time.

UPCOMING ACTIVITIES

Shutdown the 309 Building — To minimize Surveillance and Maintenance (S&M) costs while aligning with the 300 Area Accelerated Closure Plan, 1) the office wing roofs will be repaired, and 2) the building will be secured to minimize intrusion, pending resumption of deactivation activities in 2009.

NE Legacies Deactivation — Continue to dismantle small diameter piping and package for offsite shipment. Place a contract for cleaning sodium residue from 3718-M and CRCTA tanks.

MILESTONE ACHIEVEMENT

FH Contract Milestones

There are no ART Milestones.

PERFORMANCE OBJECTIVES

Nothing to report at this time.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FYTD															
By PBS		BCWS		BCWP		ACWP		SV		%		CV		%		BAC	
PBS RL-RC03	Advanced Reactors Transition																
WBS 3.1.3.1	NE Legacy Facilities Transition	\$	345	\$	341	\$	279	\$	(4)	-1%	\$	62	18%	\$	1,080		
WBS 3.1.3.2	PRTR/309 Building Transition	\$	69	\$	114	\$	63		45	66%		51	45%	\$	217		
WBS 3.1.3.3	ART Project Management	\$	68	\$	68	\$	47	\$	-	0%	\$	21	31%	\$	188		
Total		\$	482	\$	523	\$	389	\$	42	9%	\$	134	26%	\$	1,486		

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.04 million (9 percent) favorable schedule variance was due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities including roof repairs.

The \$0.13 million (26 percent) favorable cost variance is primarily due to better than planned progress in the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, FYTD Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (\$0.04M)

Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The positive schedule variance is primarily due to better than planned progress this fiscal year on the 309 Building transition to shutdown activities.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

Cost Variance Analysis: (\$0.1M)

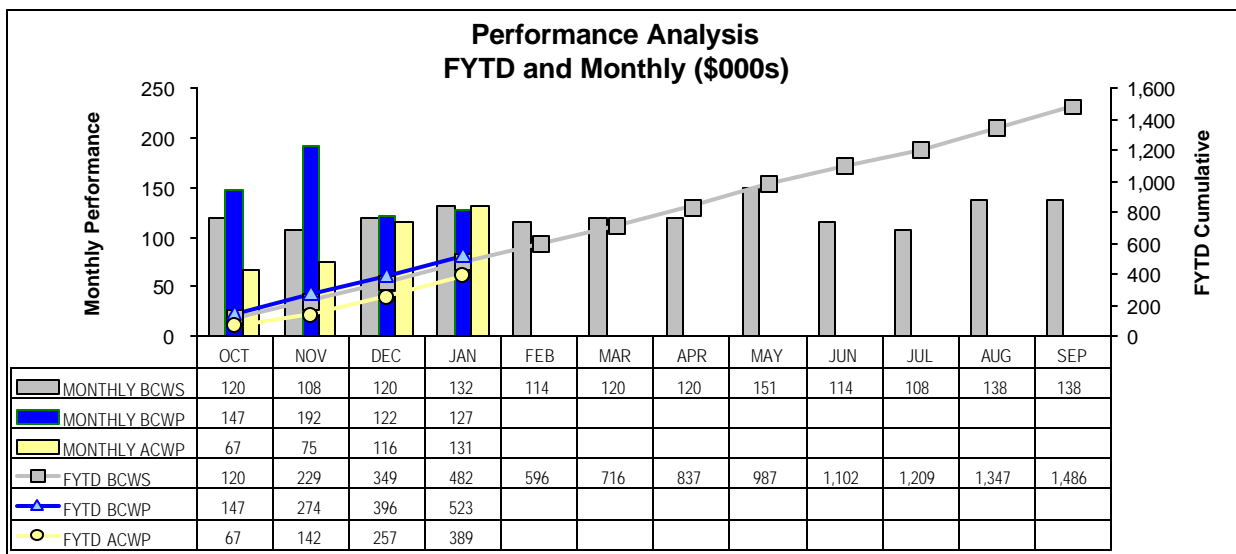
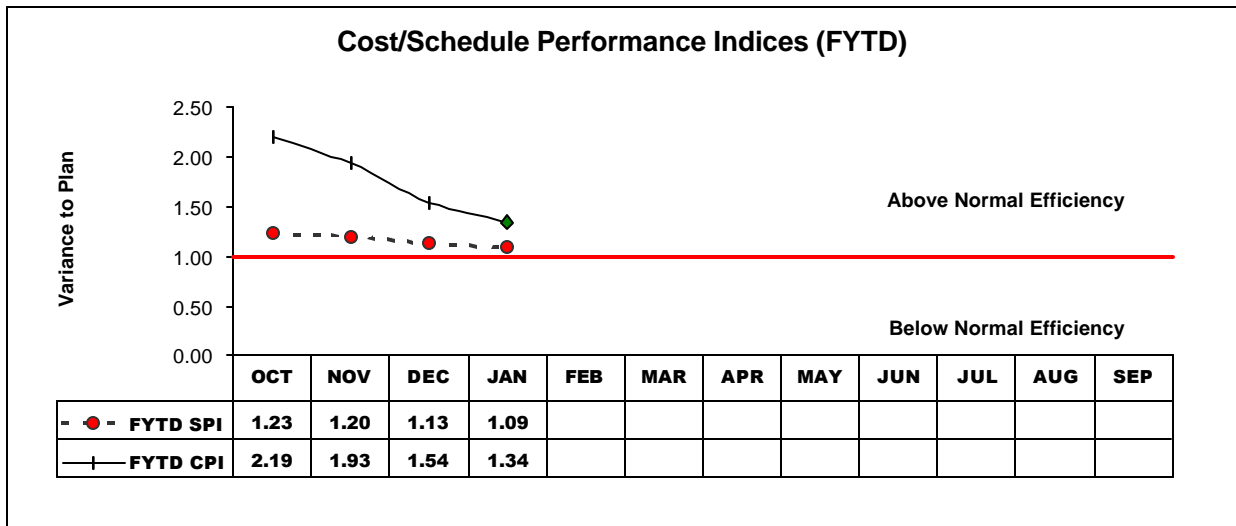
Advanced Reactor Transition — 3.1.3/RC03

Description/Cause: The positive cost variance is primarily due to performing the NE Legacies sodium loop deactivation work and 309 Building transition to shutdown activities for less than planned.

Impact: There is no significant project impact at this time.

Corrective Action: None required.

COST / SCHEDULE PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FYTD FUNDS VS SPENDING FORECAST (\$000)

	FH Funds Reallocation	FYSF	Variance
3.1.3 Advanced Reactor RC03 - EM (Other	\$ 2,285	\$ 1,617	\$ 668
Total	\$ 2,285	\$ 1,617	\$ 668

NOTES: FH reallocation reflects an FYSF adjusted for scope deletions, deferrals, and identified savings to address funding shortfalls, additional unplanned scope, and cost increases.

ISSUES

Technical, Regulatory, External, and DOE Issues and DOE Requests

Issue: Nothing to report at this time.

Impacts: None.

Corrective Action: None at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.